

What is claimed is:

1 1. A structure of a housing for a wireless mouse, said structure comprises an upper
2 cover, a lower cover and a battery lid, wherein said upper cover has a
3 battery-receiving chamber; said structure is characterized by that:

4 a slide block is received in a slide-block receiving chamber in said lower cover,
5 and has a first trapezoidal block, a second trapezoidal block, a pusher rod and an
6 elastic-element receiving portion;

7 an elastic element is received in said elastic-element receiving portion to make
8 said slide block slide to a position effecting tight engagement of said battery lid
9 with said lower cover;

10 a first rib having an engaging hook is provided in said battery lid, and is used
11 to make engagement of said engaging hook with said first trapezoidal block when
12 said battery lid is engaged with said lower cover, thereby said battery lid is tightly
13 engaged with said lower cover; and

14 a second rib is provided in said battery lid, and is used to push to move said
15 second trapezoidal block when said pusher rod is moved to make separation of said
16 battery lid from said lower cover.

1 2. The structure of a housing for a wireless mouse as in claim 1, wherein said elastic
2 element is a spring.

1 3. The structure of a housing for a wireless mouse as in claim 1, wherein length of
2 said first rib is slightly larger than that of said second rib.

1 4. The structure of a housing for a wireless mouse as in claim 1, wherein said first rib
2 is used to make engagement of said engaging hook with said first trapezoidal block
3 when said battery lid is engaged with said lower cover along a first direction, and
4 wherein said second rib is used to push to move said second trapezoidal block when

5 said pusher rod is moved to make separation of said battery lid from said lower cover
6 along a second direction, and said first direction is perpendicular to said second
7 direction.

1 5. The structure of a housing for a wireless mouse as in claim 1, wherein said upper
2 cover is further provided with a plurality of positioning holes, and said battery lid is
3 further provided with a plurality of positioning ribs respectively corresponding to
4 said positioning holes.

1 6. The structure of a housing for a wireless mouse as in claim 1, wherein said
2 battery-receiving chamber is further provided therein with another receiving
3 chamber to receive a pen-type electronic device.

1 7. The structure of a housing for a wireless mouse as in claim 6, wherein said
2 pen-type electronic device is a wireless receiver.

1 8. The structure of a housing for a wireless mouse as in claim 6, wherein said
2 pen-type electronic device is a pen drive.

1 9. The structure of a housing for a wireless mouse as in claim 6, wherein said
2 pen-type electronic device is a wireless receiver/pen drive unit.

1 10. The structure of a housing for a wireless mouse as in claim 6, wherein said
2 pen-type electronic device is an electronic device with a pen-type structure.